



***New Hampshire Institute for Local Public Health Practice
at the Manchester Health Department***

PRINCIPLES OF EPIDEMIOLOGY

Core Competencies for Public Health Professionals

The following is a list of core competencies for public health professionals, as defined by the Council on Linkages Between Academia and Public Health Practice, that are addressed in the *Principles of Epidemiology* course.

At the successful completion of this course, students will be:

Analytic Assessment Skills:

- **Knowledgeable** to define a public health problem.
- **Knowledgeable** to determine appropriate usage and limitations of data.
- **Aware** of how to select and define variables relevant to defining public health problems.
- **Knowledgeable** in identifying relevant and appropriate data and information sources.
- **Knowledgeable** to make relevant inferences from data.
- **Aware** of the importance to obtain and interpret information regarding risks and benefits to the community.
- **Aware** of how important data is to illuminate ethical, political, scientific, economic, and overall public health issues.

Basic Public Health Sciences Skills:

- **Aware** of how to identify and apply basic research methods used in public health.
- **Knowledgeable** to recognize the limitations of research, and the importance of observations and interrelationships.
- **Aware** of the importance to develop a lifelong commitment to rigorous critical thinking.